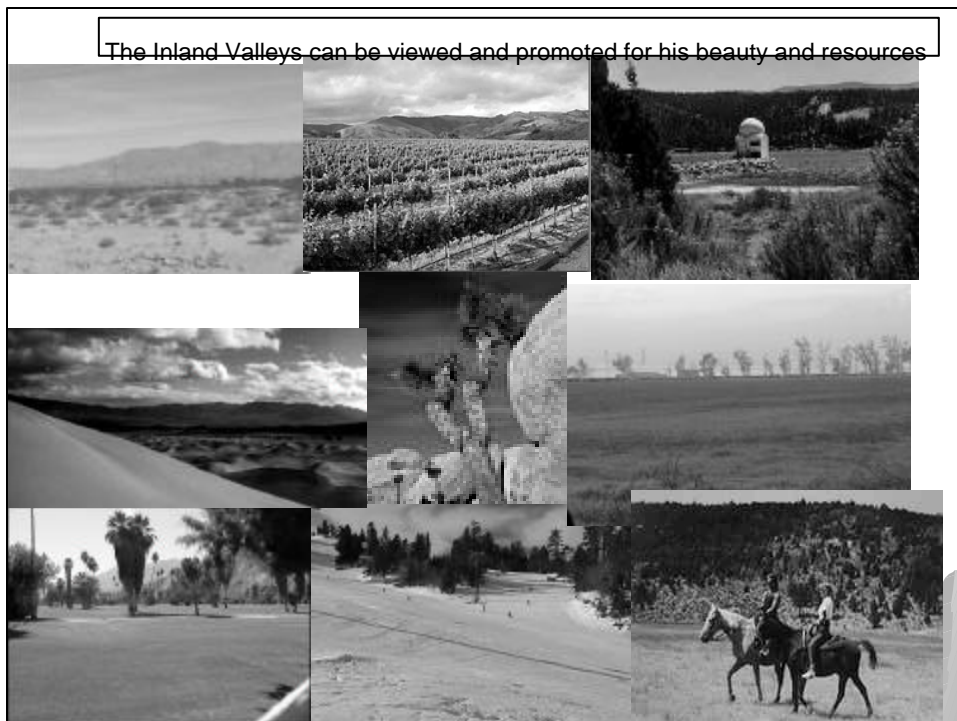
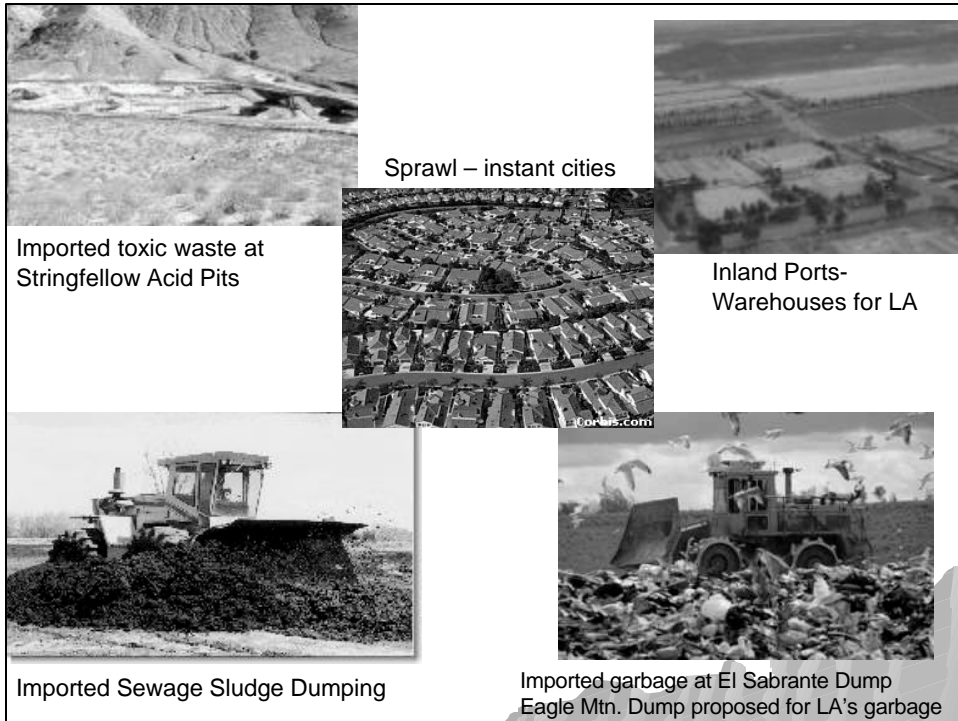
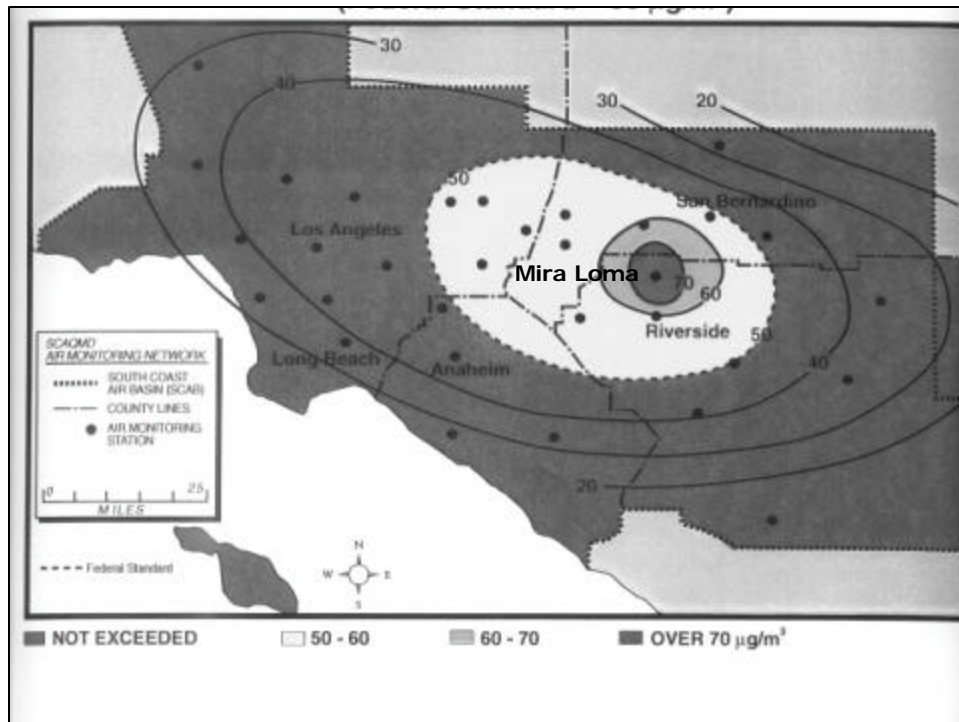


# Mixed Use Zoning The Consequences of Incompatible Land Uses in Rural-Residential Areas

## Mira Loma Case Study







## Mira Loma

- ✍ Has the highest levels of PM in the nation.<sup>1</sup>
- ✍ 4<sup>th</sup> in the world
  - Jakarta, Indonesia;
  - Calcutta, India; and
  - Bangkok, Thailand.<sup>2</sup>

<sup>1</sup> South Coast Air Quality Management District, "Multiple Air Toxics Exposure Study in the South Coast Air Basin" (MATES II Study), March 2000.

<sup>2</sup> World Health Organization, as cited by California Public Interest Research Group, CalPIRG, Citizens' Agenda, Vol. 13, No. 3, pg. 4, Fall 1997.

# Mira Loma

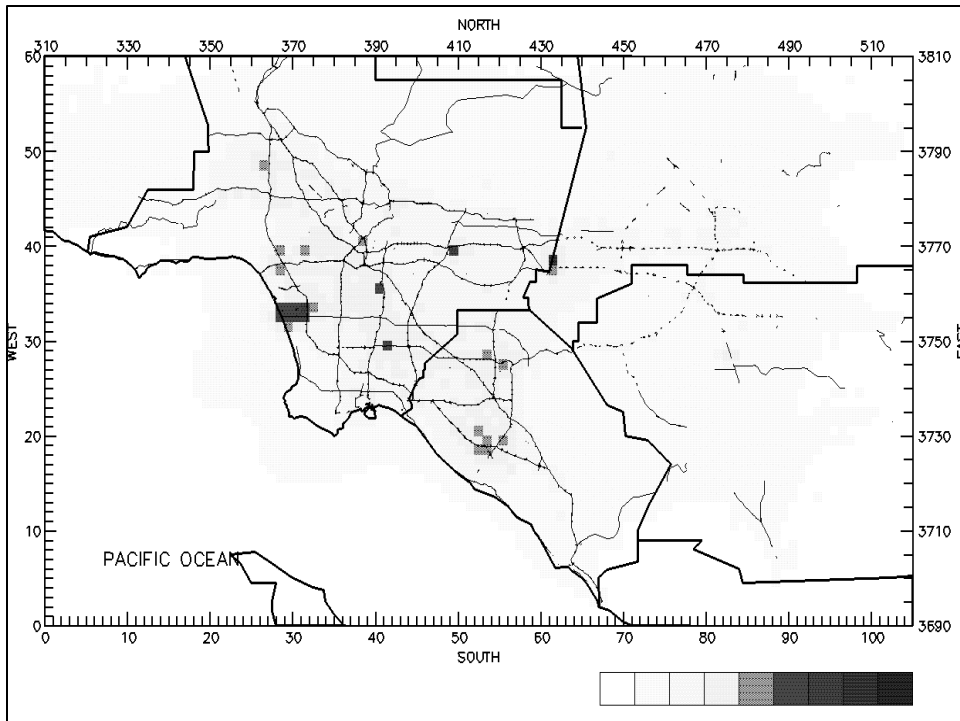
- ✍ Pollution blows in from LA and Orange County.
- ✍ combines with ammonia from Chino Dairies more particles are formed.
- ✍ Trapped by surrounding mountains.
- ✍ Land use decisions and Goods Movement industry is creating a deadly local source – diesel



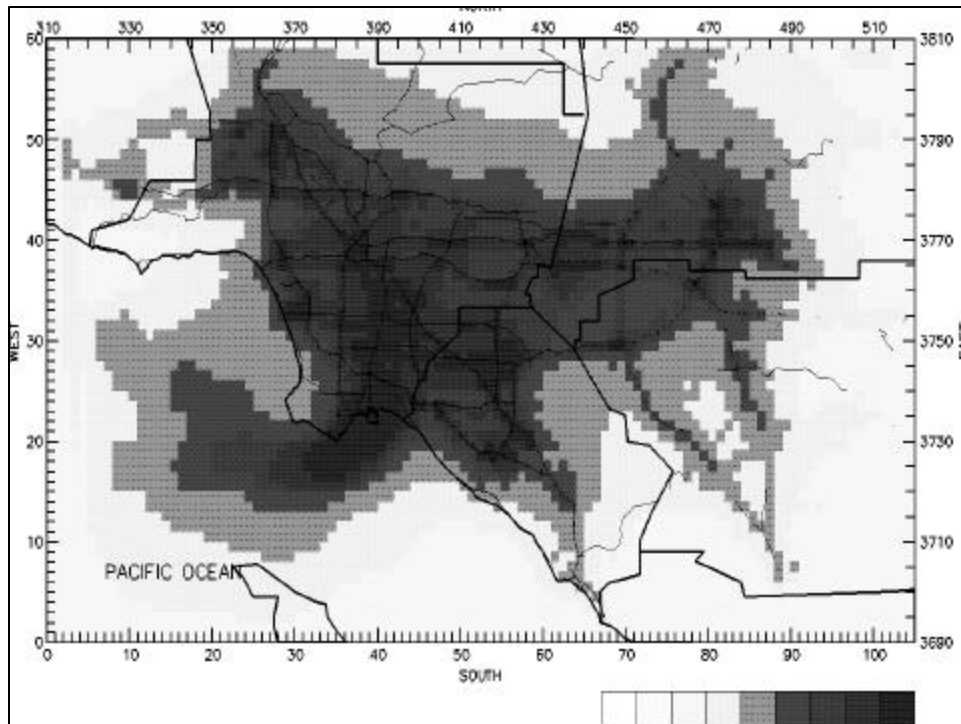
Aerial Photos of Mira Loma  
area: CCAE I




Aerial Photos of Mira Loma  
area: CCAE I







## Mira Loma Community Specific Study Conclusions:

- Even with improved technology i.e. cleaner trucks; there will be no improvement in air quality due to increase in number of trucks due to build out.
  - Those living closest to busy streets and diesel related facilities are at greatest risk.
  - **“If we have diesel sources, the best thing we can do is to keep them 500 meters (1500 feet) away from people.”**
- 

## Recommendations

- ✍ Cumulative Impacts factored into Planning decisions.
  - ✍ Community based planning – not outside imposed development.
  - ✍ Buffer zones between diesel related development and sensitive receptors. [Buffer zones can be other uses i.e. commercial, service commercial, retail, etc.]
  - ✍ Compatible development with existing community.
  - ✍ Precautionary Approach.
  - ✍ Given USC Children’s Health Study most recent analysis, we shouldn’t limit reducing exposures to only sensitive receptors.
- 